

CALIFORNIA DEPARTMENT OF TRANSPORTATION

ACCEPTABLE BRANDS LIST (ABL)

for BATTERY BACKUP SYSTEMS & EXTERNAL CABINET



This is a pre-qualified list for the Battery Backup System (BBS) and External BBS Cabinet. This list is generated by testing samples and is intended for use by the California Department of Transportation only. The devices listed here are still subject to thorough testing and inspection for final approval.

It is recommended that any interested bidders / suppliers seeking inclusion of their products to the ABL, contact the Transportation Lab (TransLab) to get their product evaluated and tested for possible inclusion for future bids. For product testing contact:

Mr. Jeff Forester at (916) 227-4457

Jeff.Forester@dot.ca.gov
Caltrans Laboratory
5900 Folsom Blvd.
Sacramento, CA 95819

Specifications are available online at <http://www.dot.ca.gov/hq/esc/ttsb/electrical/bbs.htm>

It may take from about 30 – 60 days to test and evaluate a unit, and depending on current contract testing, may be longer. Contract testing always has priority. For new prototypes, please allow more time for the evaluation process.

**** NOTE: ALL Vendors will be required to present test data from an independent lab, proving the product(s) offered has been successfully tested and complies with the Caltrans specifications.**
**** Any design change (at the States discretion) requires retesting, re-evaluation, and new Model/Part #'s.**

The following describes the BBS configurations and their compositions that will be acceptable for testing at the TransLab.

(1) **The BBS** shall include the following:

- Inverter/Charger
- Power Transfer Relay
- Manual Bypass Switch
- EIA mounting brackets
- Installation Wiring Kit – To include all necessary 10 AWG color-coded wiring for all power interconnects between all BBS components & 332A terminal blocks and busses, all required 18 AWG wiring for relay contacts, and a minimum of twenty (20), cable ties and/or adhesive backed panel mount style cable tie holders.
- Hardware Kit – To include all necessary bolts and washers for mounting all BBS components.
- Battery Cable Harness
- Manuals – Operations and Maintenance Manuals (2 each per unit).

(2) The **External BBS Cabinet** shall include the following:

- Cabinet
 - Mounting hardware (bolts, nuts, washers)
 - Conduit Fitting
 - EIA angles
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(1) Acceptable Brands List for BBS:

US Traffic Corporation

A Quixote Company
9603 John Street
Santa Fe Springs, CA 90670
Tel: 1-800-733-7872
Fax: 1-562-923-7555
Jack Hastings, PowerBack Product Manager
Email: j.hastings@quixotecorp.com
Web: www.ustraffic.net
Model: PB-1250C-PC (1250VA / 875 Watt)
PN: G30190
Model: PB-2000ITS (2000 VA / 1500 Watt)
PN: G30195

Alpha Technologies, Inc.

3767 Alpha Way
Bellingham, WA 98226
Tel: 1-360-647-2360
Fax: 1-360-671-4936
Frank Albano, VP Sales
Email: fabano@alpha.com
Web: www.alpha.com
Model: Novus 1000TP

Dimensions Unlimited, Inc.

4467 White Bear Parkway
St. Paul, MN 55110-7626
Tel: 1-800-553-6418
Fax: 1-651-653-7600
Dennis Getter, President
Email: sales@dimensionunlimited.com
Web: www.dimensionsunlimited.com
24 Vdc Models
1. Model DUI-24M11 (332/Ext. Cab. Mounted)
2. Model DUI-24Y11 (332 Mounted only)

48 Vdc Models

1. Model DUI-48M17 (332/Ext. Cab. Mounted)
2. Model DUI-48Y17 (332 Mounted only)

(2) Acceptable Brands List for External BBS Cabinets:

California Chassis

3356 E. La Palma Avenue
Anaheim, CA 92806
Tel: 1-714-666-8511
Fax: 1-714-666-8509
David Kohl, CEO
Email: dkohl@calchassis.com
Web: www.calchassis.com
PN: 103886

McCain Traffic Supply

2365 Oak Ridge Way
Vista, CA 92081
Tel: 1-760-734-5016
Fax: 1-760-597-7103
Diane Hawkins, Sales Representative
Email: dhawkins@mccaintraffic.com
Web: www.mccaintraffic.com
PN: M34196

Safetran Traffic Systems, Inc.

1485 Garden of the Gods Road
Colorado Springs, CO 80933
Tel: 1-719-599-5600
Fax: 1-719-599-3853
Bob Russo
Email: rrusso@safetran-traffic.com
Web: www.safetran-traffic.com
PN: 088397D332-00B

US Traffic Corporation

A Quixote Company
9603 John Street
Santa Fe Springs, CA 90670
Tel: 1-800-733-7872
Fax: 1-562-923-7555
Jack Hastings, PowerBack Product Manager
Email: j.hastings@quixotecorp.com
Web: www.ustraff.net
Model: BC280-CA-A-K2